

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|---------------------|
| S1 | 1717 | (704/207-210,213-215).ccls. | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 12:41 |
| S2 | 24 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech) near activity near detect\$3) and (frame or block or segment) with "30" and (silence or unvoiced or pause) near duration and (smooth\$3 or averag \$3) | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 12:45 |
| S3 | 33 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech) near activity near detect\$3) and (frame or block or segment) with "30" and (silence or unvoiced or pause) near duration | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 12:56 |
| S4 | 31 | S3 and similar\$5 | US_PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 12:57 |

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| S5 | 476 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3 or (speech or voice\$1 near segment\$5) and (frame or block or segment) with "30" and (silence or unvoiced or pause) near3 (duration or interval or period or time) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:11 |
| S6 | 250 | S5 and "704".clas. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:12 |
| S7 | 55 | S6 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:12 |
| S8 | 64 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3 or (speech or voice\$1 near (segmentation or segmenting or segmented)) and (frame or block or segment) with "30" and (silence or unvoiced or pause) with (smooth\$3 or averag\$3) and index\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:34 |
| S9 | 40 | S8 and "704".clas. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:34 |

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| S10 | 11 | S9 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:34 |
| S11 | 61 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3 or (speech or voice\$1) near (segmentation or segmenting or segmented) and (frame or block or segment) with "30" and (silence or unvoiced or pause) with (smooth\$3 or averag\$3) and (compress\$3 or cod\$3) same (stor\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:36 |
| S12 | 3 | S11 and (704/207-210,213-215).ccls. and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:37 |
| S13 | 10 | S11 and "704".clas. and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:38 |
| S14 | 46 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3 or (speech or voice\$1) near (segmentation or segmenting or segmented) same (record\$3 or stor\$3) and (frame or block or segment) with "30" same(compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:47 |

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| S15 | 24 | S14 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:48 |
| S17 | 2 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3 or (speech or voice\$1) near (segmentation or segmenting or segmented) and (frame or block or segment) with "30" same (compress\$3 or cod\$3) and (speech or audio or voice\$1) with (record\$3 or stor\$3) and (silence or pause or unvoiced) with (agerag\$3 or smooth \$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 13:54 |
| S18 | 15 | (speech or audio or voice\$1) with (record \$3 or stor\$3) same ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3 or (speech or voice\$1) near (segmentation or segmenting or segmented) and (frame or block or segment) with "30" same (compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:05 |

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| S19 | 40 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near activity near detect\$3) same (speech or voice \$1) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (record\$3 or stor\$3) same (compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:23 |
| S20 | 168 | ((silence or unvoiced or pause) near3 (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 detect\$3) with (speech or voice\$1) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (record\$3 or stor\$3) same (compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:30 |
| S21 | 16 | S20 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:31 |
| S22 | 18 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near detect\$3) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) same (record\$3 or stor\$3) same (compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:32 |

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| S23 | 4 | ((silence or unvoiced or pause) near (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 activity near3 detect \$3) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) same (record\$3 or stor\$3) same (compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:33 |
| S24 | 50 | (speech or pronunciation or accent) with (correct \$3 or assist\$4 or compar\$4 or match\$3) and ((silence or unvoiced or pause) near (detect\$3 or suppress\$3 or remov \$3) or (voice\$1 or talk near spurt or speech or audio) near3 activity near3 detect \$3) same (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (record\$3 or stor\$3) same (compress\$3 or cod\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 14:58 |
| S25 | 14 | S24 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 15:01 |

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| S26 | 53 | (voice\$1 or speech or audio) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (voice\$1 or speech or audio) same (record\$3 or stor\$3) same (compress\$3 or cod\$3) and ((silence or unvoiced or pause) near (detect\$3 or suppress\$3 or remov \$3) or (voice\$1 or talk near spurt or speech or audio) near detect \$3) and (frame or segment or block) near (duration or interval or length) same (limit or threshold or (set near value)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 15:49 |
| S27 | 21 | S26 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 15:49 |
| S28 | 40 | (voice\$1 or speech or audio) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (voice\$1 or speech or audio) same (record\$3 or stor\$3) same (compress\$3 or cod\$3) and ((silence or unvoiced or pause) near (detect\$3 or suppress\$3 or remov \$3) or (voice\$1 or talk near spurt or speech or audio) near detect \$3) and (silence or unvoiced or pause) with (duration or interval or length or period) with (limit or threshold or (set near value)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 15:55 |

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| S29 | 13 | S28 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 15:55 |
| S30 | 3 | (5526407 5293273 5659662).pn. | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | ON | 2008/08/22 16:32 |
| S31 | 70 | (voice\$1 or speech or audio) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (voice\$1 or speech or audio) same (record\$3 or stor\$3) same (compress\$3 or cod\$3) and ((silence or unvoiced or pause) near3 (detect\$3 or suppress\$3 or remov \$3 or reduc\$5) or (voice\$1 or talk near spurt or speech or audio) near3 activit\$3 near3 detect\$3) and (silence or unvoiced or pause) with (duration or interval or length or period) with (limit or threshold or (set near value) or reduc\$5) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 16:50 |
| S32 | 32 | S31 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 16:50 |
| S33 | 20 | S32 and (silence or pause or unvoiced) with reduc\$5 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/22 16:52 |

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| S34 | 49 | (voice\$1 or speech or audio) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and (voice\$1 or speech or audio) same (record\$3 or stor\$3) same (compress\$3 or cod\$3) and ((silence or unvoiced or pause or non speech) near3 (detect\$3 or suppress \$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 detect\$3) and (silence or unvoiced or pause or non speech) with (duration or interval or length or period) with (limit or threshold or (set near value)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 10:33 |
| S35 | 17 | S34 and @rlad < "20000713" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 10:34 |
| S36 | 32 | S34 not S35 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 10:47 |
| S37 | 1 | 10/770748.app. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 10:48 |
| S38 | 6 | ("20020198704" "5371787" "6567503" "6570991" "6889187" "7180892").PN. | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 10:50 |

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| S39 | 8 | ("20020188442" "20030055639" "20040064314" "6249757" "6381568" "6782363" "7231348" "7277853").PN. | US-PGPUB; USPAT | ADJ | ON | 2008/08/25 10:52 |
| S40 | 22 | (US-20010010037-\$ or US-20050171768-\$). did. or (US-5448679-\$ or US-5553190-\$ or US-5729694-\$ or US-6055495-\$ or US-6535850-\$ or US-4336421-\$ or US-6029127-\$ or US-6314395-\$ or US-4820059-\$ or US-5216747-\$ or US-7180892-\$ or US-6044348-\$ or US-6490553-\$ or US-6567503-\$ or US-6205419-\$ or US-5293273-\$ or US-5659662-\$ or US-5526407-\$ or US-7027989-\$ or US-5845240-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2008/08/25 13:05 |
| S41 | 2 | S40 and (start\$3 or end\$3) near3 address | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:05 |
| S42 | 5 | (voice\$1 or speech or audio) with (segmentation or segmenting or segmented or annotat\$3 or edit\$3 or index\$3) and ((silence or unvoiced or pause or non speech) near3 (detect\$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 detect\$3) and (silence or unvoiced or pause or non speech) with short with (duration or | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:38 |

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| | | interval or length or period) with (filter\$3 or remov\$3) | | | | |
| S43 | 39 | (voice\$1 or speech or audio) with (segmentation or segmenting or segmented or annotat \$3 or edit\$3 or index \$3) and ((silence or unvoiced or pause or non speech) near3 (detect\$3 or suppress \$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 detect\$3) and (short or spurt or spike) with (voice\$1 or speech or audio) with (duration or interval or length or period) with (filter\$3 or remov\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:41 |
| S55 | 14 | ((silence or unvoiced or pause or non speech) near3 (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 detect\$3) and (short or brief) near3 (voice \$1 or speech or audio) near3 (duration or interval or length or period) with (filter\$3 or remov\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 13:54 |
| S59 | 17 | ((silence or unvoiced or pause or non speech) near3 (detect \$3 or suppress\$3 or remov\$3) or (voice\$1 or talk near spurt or speech or audio) near3 detect\$3) and (short or brief) with (voice\$1 or speech or audio or silence or pause or unvoiced or non speech) with (duration or interval or length or period) with (filter\$3 or remov\$3) and | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/08/25 14:05 |

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| | | (median or smooth\$3 or averag\$3) adj3 filter | | | | |
| S61 | 1 | S40 and intra | US-PGPUB; USPAT | ADJ | ON | 2008/08/25 16:37 |

8/25/2008 6:42:20 PM

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